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AC592
ACOUSTIC SEALANT

AKFIX ACOUSTIC SEALANT is a permanently flexible, acrylic water based acoustical sealant especially formulated to reduce sound transmission from leaking through joints and edges of all types of wall partitions in soundproofing projects. It also **provides sound dampening , smoke and moisture barrier** between different construction substrates .

FEATURES & BENEFITS

- **Reduces sound transmission,**
- **Stays flexible for high acoustic performance,**
- **Adheres to wide range of materials including wood, brick, foamboard, concrete, greenboard, drywall, cementboard etc.**
- **Non-flammable**
- **Eco-friendly: Low VOC and low odor,**
- **Easy water cleanup,**
- **Easy application with non-sag properties,**
- **Over paintable.**

High Acoustical Performance with Smoke and Moisture Barrier

APPLICATION AREAS

- **Provides an effective acoustic barrier for sealing gaps, perimeter joints, and partitions between two soundproofing materials including plasterboard, drywalls, foamboard where an acoustic barrier is required.**
- **Sealing and bonding joints between walls and the floor or ceiling**
- **Also suitable to use in perimeter of recessed lighting, plumbing pipes, air ducts, electrical conduits, windows, and doors.,**
- **Adheres to numerious substrates including wood, brick, masonry, plasterboard, foamboard, concrete, gypsumboard, greenboard, drywall, cementboard, metal studding and other insulation boards etc.**

INSTRUCTIONS

- All surfaces must be clean and dust free.
- All loose or flaking surface coatings, and old sealant joints should be removed before application.
- Surfaces can be slightly humid (this will slow the curing mechanism) but not wet.
- It can be directly applied to caps, used as direct bonding to large surfaces or adhesive for bonding to studding.

Direct Application to caps

Apply ¼" (6mm) beads under runners at the ceiling and floor. Sealant should also be applied to all openings including cutouts, electrical boxes, perimeter joints, and other areas where sound transmission and air infiltration may occur.

Use as an adhesive for direct bonding to large surfaces

Cut nozzle to provide a bead of approximately 9-10mm diameter and apply a continuous bead to one surface at 250-350mm centers. Apply board immediately to surface and tamp down. Provide permanent support until cured.

Use as an adhesive for bonding to studding

Apply a continuous bead to studding and apply board immediately into position. Do not apply more than one boards width of studding at one time. Provide permanent support until cured. Uncured sealant can cleaned with water. If cured, scraping, followed by wiping with cloth to which mineral spirits has been applied.

STANDARDS

Meets or exceeds the requirements of the following specifications:

- The French VOC requirements for class A+
- M1 Fire Rating according to NF P 92-501 radiation test
- The requirements of VOC content specifications in LEED credit EQc4.1 "Low-emitting products" of SCAQMD rule 1168.

RESTRICTIONS;

- Damp or humid conditions will significantly extend the cure time.
- Do not attempt to abrade when cured.
- Do not overpaint until product has fully cured. This will normally be 24 hours but may be 4-5 days in damp, cold or humid conditions.
- Do not apply below 5°C
- For overhead boarding applications, always use in conjunction with mechanical fixings.

STORAGE AND SHELF LIFE;

The shelf life is 12 months if stored in unopened-original package in a dry place at temperatures between +5°C and +25°C.

SAFETY & DISPOSAL

Bears no imminent risk to health. Check MSDS guidelines for disposal and further information concerning safety.

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PROPERTIES

Basis	: Acrylic Dispersion	
Consistency	: Smooth paste	
pH	: 7.5-9	
Specific gravity	: 1,58 ± 0,03 gr/cm^3	(ASTM D 792)
Tack-Free time	: < 60 min (23 °C and 50% R.H)	(ASTM C 679)
Curing Rate (mm/day)	: 2 mm/day (23 °C and 50% R.H)	
Shore A hardness	: 20 ± Shore A	
Elongation	: > 100%	(ASTM D 412)
Max tensile strength	: ≥ 0,4 N/mm2	(ASTM D 412)
Application Temperature	: +5 °C to +40 °C	

PRODUCT

Product Type	Volume	Package
White/Grey	**310ml**	12
White/Grey (Sausage)	**600ml**	12

DISCLAIMER

The technical data contained herein is based on our present knowledge and experience and we cannot be held liable for any errors, inaccuracies, omissions or editorial failings that result from technological changes or research between the date of issue of this document and the date the product is acquired. Before using the product, the user should carry out any necessary tests in order to ensure that the product is suitable for the intended application. Moreover, all users should contact the seller or the manufacturer of the product for additional technical information concerning its use if they think that the information in their possession needs to be clarified in any way, whether for normal use or a specific application of our product. Our guarantee applies within the context of the statutory regulations and provisions in force, current professional standards and in maccordance with the stipulations set out in our general sales conditions. The information detailed in the present technical data sheet is given by way of indication and is not exhaustive. The same applies to any information provided verbally by telephone to any prospective or existing customer.